



United States Department of Agriculture
National Agricultural Statistics Service



Iowa Crop Progress & Condition

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

For the week ending July 5, 2020
Issued July 6, 2020

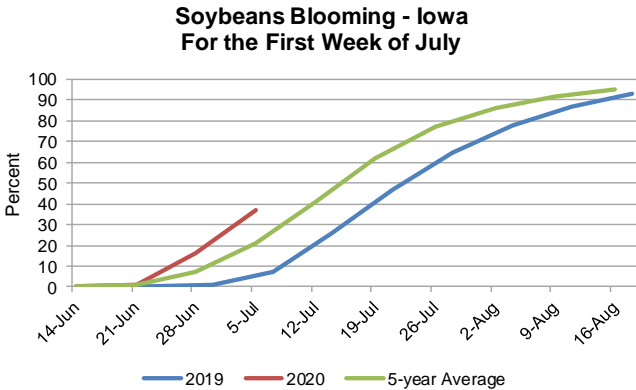
Media Contact: Greg Thessen

Little to no precipitation for much of Iowa allowed farmers **6.0 days suitable for fieldwork** during the week ending July 5, 2020, according to the USDA, National Agricultural Statistics Service. Fieldwork activities included applying fertilizer, spraying, harvesting hay and hauling grain.

Topsoil moisture levels rated 3% very short, 19% short, 76% adequate and 2% surplus. **Subsoil moisture** levels rated 2% very short, 14% short, 81% adequate and 3% surplus.

There were reports of **corn** silking across much of the State with an average of 5%, almost 1 week ahead of the previous year but 2 days behind the 5-year average. Corn condition rated 85% good to excellent. **Soybean** blooming reached 37%, almost 2 weeks ahead of last year and 6 days ahead of average. There were scattered reports of soybeans beginning to set pods. Soybean condition rated 84% good to excellent. **Oats** headed progressed to 94%, 5 days ahead of last year. Oats turning color reached 36%, 4 days ahead of last year but 2 days behind the average. Oat condition rated 85% good to excellent.

Alfalfa hay second cutting reached 38%, 11 days ahead of last year and 2 days ahead of the average. **Hay condition** rated 77% good to excellent. **Pasture condition** rated 69% good to excellent. There were reports of heat stress affecting cattle as well as continuing issues of pinkeye for cow/calf producers.



Crop Condition as of July 5, 2020

| Item | Very poor | Poor | Fair | Good | Excellent |
|-------------------------|-----------|-----------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Corn | 0 | 2 | 13 | 66 | 19 |
| Hay | 0 | 2 | 21 | 63 | 14 |
| Oats | 0 | 1 | 14 | 73 | 12 |
| Soybeans | 0 | 2 | 14 | 67 | 17 |
| Pasture and range | 1 | 3 | 27 | 53 | 16 |

Crop Progress as of July 5, 2020

| Item | Districts | | | | | | | | | State | | | |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | This week | Last week | Last year | 5-yr average |
| | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) |
| Corn silking | 6 | 2 | 3 | 5 | 9 | 6 | 6 | 1 | 7 | 5 | 1 | 1 | 8 |
| Hay, alfalfa, second cutting | 58 | 25 | 32 | 46 | 52 | 40 | 42 | 22 | 57 | 38 | 9 | 9 | 33 |
| Oats headed | 86 | 96 | 97 | 95 | 93 | 98 | 97 | 87 | 96 | 94 | 86 | 88 | 94 |
| Oats coloring | 40 | 39 | 27 | 37 | 34 | 37 | 54 | 39 | 44 | 36 | 10 | 23 | 40 |
| Soybeans blooming | 51 | 47 | 27 | 45 | 38 | 33 | 32 | 22 | 12 | 37 | 16 | 5 | 21 |

Days Suitable for Fieldwork and Soil Moisture Condition as of July 5, 2020

| Item | Districts | | | | | | | | | State | | |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | NW | NC | NE | WC | C | EC | SW | SC | SE | This week | Last week | Last year |
| | (days) | (days) | (days) | (days) | (days) | (days) | (days) | (days) | (days) | (days) | (days) | (days) |
| Days suitable | 6.6 | 6.3 | 5.5 | 5.9 | 6.4 | 5.5 | 5.9 | 6.3 | 4.7 | 6.0 | 4.5 | 4.6 |
| | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) | (percent) |
| Topsoil moisture | | | | | | | | | | | | |
| Very short | 4 | 1 | 1 | 9 | 2 | 2 | 9 | 0 | 0 | 3 | 2 | 0 |
| Short | 29 | 9 | 10 | 31 | 20 | 19 | 21 | 21 | 5 | 19 | 9 | 4 |
| Adequate | 65 | 89 | 86 | 60 | 75 | 73 | 70 | 79 | 86 | 76 | 81 | 80 |
| Surplus | 2 | 1 | 3 | 0 | 3 | 6 | 0 | 0 | 9 | 2 | 8 | 16 |
| Subsoil moisture | | | | | | | | | | | | |
| Very short | 3 | 1 | 0 | 6 | 2 | 1 | 2 | 0 | 0 | 2 | 1 | 0 |
| Short | 18 | 6 | 7 | 25 | 15 | 14 | 14 | 10 | 6 | 14 | 7 | 2 |
| Adequate | 77 | 90 | 91 | 69 | 79 | 77 | 83 | 89 | 90 | 81 | 85 | 77 |
| Surplus | 2 | 3 | 2 | 0 | 4 | 8 | 1 | 1 | 4 | 3 | 7 | 21 |

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Justin Glisan, Ph.D., State Climatologist
Iowa Department of Agriculture and Land Stewardship

Reports from the Iowa Department of Agriculture and Land Stewardship and maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on June 29, 2020, through 7:00 A.M. Central Time on July 5, 2020.

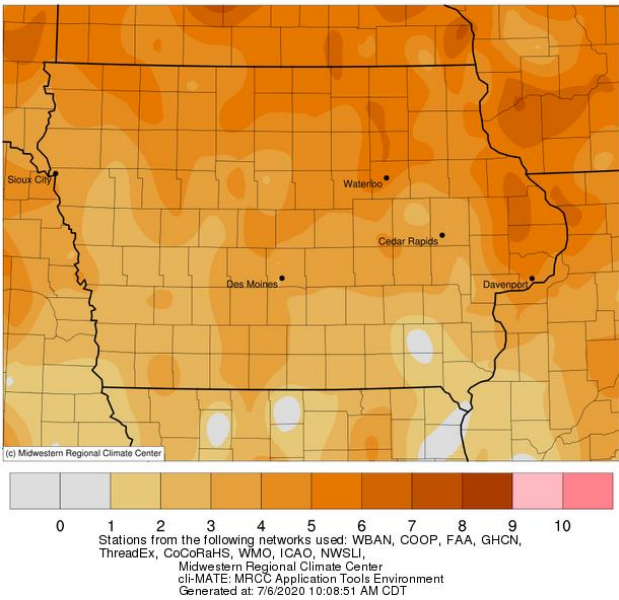
Unseasonably warm and dry conditions persisted through the end of June into early July across the majority of Iowa. The warmest conditions were found in eastern Iowa with positive departures of up to six degrees. The statewide average temperature was 77.4 degrees, 4.3 degrees above normal. Measurable rain was reported across most of the state, though only extreme southeast Iowa reported above normal totals; portions of north-central Iowa reported deficits of up to an inch.

Showers and thunderstorms continued to push through Iowa into Sunday (28th) afternoon with isolated thundershowers popping up into the evening hours. Daytime highs were in the 80s across the state with a southerly wind. Clouds cleared overnight into Monday (29th) with temperatures remaining in the low to mid 70s. Rain totals reported at 7:00 am for the previous 24-hour period showed widespread rainfall between 0.10 inch to 0.25 inch. Heavier pockets of rain were reported in southeastern Iowa, where Keokuk Lock and Dam (Lee County) observed 0.81 inch. Cloud cover increased across eastern Iowa through the daytime hours with mid to upper 80s reported across much of the state. A small disturbance over northeastern Missouri spun several lines of slow moving showers and thunderstorms over southeastern Iowa just after midnight on Tuesday (30th). The system lingered for most of the day with totals ranging from 0.08 inch at Burlington Municipal Airport (Des Moines County) to 1.26 inches at Fort Madison (Lee County). High temperatures were held in the upper 70s where cloud cover was present with mid to upper 80s observed in northern and western Iowa. A line of strong thunderstorms entered western Iowa early on Wednesday (1st) bringing measurable rain across much of the state’s western one-third. A secondary, narrow band of thunderstorms popped up across southeastern Iowa ahead of the primary system, bringing locally heavy rain before dissipating. Rain totals were highest in both the southwest and southeast corners with Red Oak (Montgomery County) observing 1.60 inches while Ottumwa Industrial Airport (Wapello County) reported 2.42 inches; the statewide average rainfall was 0.21 inch.

The final days of the week were relatively hot and dry with partly cloudy conditions persisting through Thursday (2nd). Daytime highs reached into the upper 80s with some readings in the 90s. Overnight lows remained in the upper 60s and low 70s, up to 10 degrees warmer at some stations with the statewide average at 67 degrees, five degrees above normal. A few isolated thunderstorms popped up over Lee and Van Buren counties during the morning hours which led to flash flood warnings. Hot conditions continued on Friday (3rd) with highs peaking in the upper 80s and low 90s. The statewide average temperature was 89 degrees, four degrees warmer than normal. Warm temperatures persisted through Saturday (4th) with a few thundershowers firing in northern and eastern Iowa. Winds were generally light and variable with puffy cumulus clouds moving across the sky. Independence Day fireworks were enjoyed under muggy conditions as a near full moon rose. Overnight lows into Sunday (5th) varied from the upper 60s to low 70s with hazy and degraded air quality conditions reported from excess particulates in the lower atmosphere.

Weekly precipitation totals ranged from no accumulation at multiple stations in north-central Iowa to 3.37 inches at Keokuk Lock and Dam (Lee County). The statewide weekly average precipitation was 0.35 inch while the normal is 1.09 inches. Bellevue Lock and Dam (Jackson County) reported the week’s high temperature of 94 degrees on the 3rd, nine degrees above normal. Mapleton (Monona County) reported the week’s low temperature of 61 degrees on the 4th, one degree below normal.

Average Temperature (°F): Departure from 1981-2010 Normals
June 29, 2020 to July 05, 2020



Accumulated Precipitation (in)
June 29, 2020 to July 05, 2020

